STATE OF SOUTH CAROLINA)

(Caption of Case))
In Re:)

Duke Energy Carolinas, LLC - Adjustment of Base Rates for Fuel Cost (Including Monthly Fuel Reports))

BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

COVER SHEET

DOCKET
NUMBER: 1989 - 9 - E ____

(Please type or print)

Submitted by: Charles A. Castle
SC Bar Number: 79895
Address: 550 South Tryon Street
DEC45A / P.O. Box 1321
Charlotte, NC 28201
Telephone: 704-382-4499
Fax: 980-373-8534
Other:
Email: alex.castle@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ Emergency Relief demanded in petition ☐ Request for item to be placed on Commission's Agenda expeditiously

☐ Other: _____

INDUSTRY (Check one)

- ☒ Electric
- ☐ Electric/Gas
- ☐ Electric/Telecommunications
- ☐ Electric/Water
- ☐ Electric/Water/Telecom.
- ☐ Electric/Water/Sewer
- ☐ Gas
- ☐ Railroad
- ☐ Sewer
- ☐ Telecommunications
- ☐ Transportation
- ☐ Water
- ☐ Water/Sewer
- ☐ Administrative Matter
- ☐ Other:

NATURE OF ACTION (Check all that apply)

- ☐ Affidavit
- ☐ Agreement
- ☐ Answer
- ☐ Appellate Review
- ☐ Application
- ☐ Brief
- ☐ Certificate
- ☐ Comments
- ☐ Complaint
- ☐ Consent Order
- ☐ Discovery
- ☐ Exhibit
- ☐ Expedited Consideration
- ☐ Interconnection Agreement
- ☐ Interconnection Amendment
- ☐ Late-Filed Exhibit
- ☐ Letter
- ☐ Memorandum
- ☐ Motion
- ☐ Objection
- ☐ Petition
- ☐ Petition for Reconsideration
- ☐ Petition for Rulemaking
- ☐ Petition for Rule to Show Cause
- ☐ Petition to Intervene
- ☐ Petition to Intervene Out of Time
- ☐ Prefiled Testimony
- ☐ Promotion
- ☐ Proposed Order
- ☐ Protest
- ☐ Publisher's Affidavit
- ☒ Report
- ☐ Request
- ☐ Request for Certification
- ☐ Request for Investigation
- ☐ Resale Agreement
- ☐ Resale Amendment
- ☐ Reservation Letter
- ☐ Response
- ☐ Response to Discovery
- ☐ Return to Petition
- ☐ Stipulation
- ☐ Subpoena
- ☐ Tariff
- ☐ Other:

Duke Energy Carolinas

Charles A. Castle
Senior Counsel

Duke Energy Carolinas, LLC
526 South Church Street
Charlotte, NC 28202

Tel 704.382.4499
Fax 704.382.4494
alex.castle@duke-energy.com

March 29, 2012

Jocelyn Boyd, Chief Clerk of the Commission
Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

RE: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Jocelyn:

Pursuant to the Commission's Orders in the above captioned docket, enclosed for filing are the following reports for the month of February 2012:

1. Monthly Fuel Cost Report (Exhibit A).

2. Base Load Power Plant Performance Report (Exhibit B).

Should you have any questions regarding this matter, please contact Brian Franklin at 980.373.4465.

Sincerely,

Charles A. Castle

pm

Enclosures

cc: Office of Regulatory Staff
Dan Arnett, Chief of Staff
Shannon Hudson, Staff Attorney
Jeff Nelson, Staff Attorney
John Flitter

South Carolina Energy Users Committee
Scott Elliott, Esquire

Brian L. Franklin

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2011)

Line No.	Fuel Expenses:	February 2012
1	Fuel and fuel-related costs	$ 117,865,865
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	597,117
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 117,268,748
	MWH sales:	
4	Total system sales	6,533,090
5	Less intersystem sales	13,819
6	Total sales less intersystem sales	6,519,271
7	Total fuel and fuel-related costs (¢/KWH) (line 3/line 6)	1.7988
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	2.5694
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	1,764,604
10	Biomass	-
11	Fuel Oil	2,827
12	Natural Gas - Combustion Turbine	21,613
13	Natural Gas - Combined Cycle	357,598
14	Total fossil	2,146,642
15	Nuclear 100%	5,062,047
16	Hydro - Conventional	132,117
17	Hydro - Pumped storage	(24,800)
18	Total hydro	107,317
19	Solar Distributed Generation	580
20	Total MWH generation	7,316,586
21	Less joint owners' portion	1,313,138
22	Adjusted total MWH generation	6,003,448
	(a) Line 2 includes:	
	Fuel from intersystem sales (Schedule 3)	$ 588,578
	Fuel in loss compensation	8,539
	Total fuel recovered from intersystem sales	$ 597,117

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2011)

Fuel and fuel-related costs:	February 2012
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 64,584,418
0501222-0501223 biomass/test fuel consumed	-
0501310 fuel oil consumed - steam	306,243
0501330 fuel oil light-off - steam	564,154
Total Steam Generation - Account 501	65,454,815
Environmental Costs	
0509000, 0557451 emission allowance expense	(1,304)
0502020, 030, 040 reagents expense	1,926,197
Emission allowance gains	(968,432)
Total Environmental Costs	956,461
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	23,581,377
0518600 nuclear fuel disposal cost	4,776,064
Total Nuclear Generation - 100%	28,357,441
Less joint owners' portion	6,914,196
Total Nuclear Generation - Account 518	21,443,245
Other Generation - FERC Account 547	
0547100 natural gas consumed - Combustion Turbine	773,375
0547101 natural gas consumed - Combined Cycle	8,235,871
0547200 fuel oil consumed - Combustion Turbine	714,211
Total Other Generation - Account 547	9,723,457
Solar Distributed Generation @ Avoided Fuel Cost	24,143
Total fossil and nuclear fuel expenses included in base fuel component	97,602,121
Fuel component of purchased and interchange power per Schedule 3	14,235,856
Fuel related component of purchased power (economic accrual)	6,027,888
Total fuel and fuel-related costs	$ 117,865,865

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2011)

Other fuel expenses not included in fuel and fuel-related costs:	February 2012
Net proceeds from sale of by-products	$ 411,845
0501223 biomass non-fuel avoided cost	-
0501223 biomass excess above avoided cost	-
0501224 North Carolina incremental renewable fuel	-
0518610 spent fuel canisters-accrual	265,968
0518620 canister design expense	17,513
0518700 fuel cycle study costs	13,240
Non-fuel component of purchased and interchanged power	
Total other fuel expenses not included in fuel and fuel-related costs:	8,180,039
Less Solar Distributed Generation @ Avoided Fuel Cost	(24,143)
Adjusted total other fuel expenses not included in fuel and fuel-related costs:	$ 8,155,896
Total FERC Account 501 - Total Steam Generation	65,454,815
Total FERC Account 518 - Total Nuclear Generation	21,739,966
Total FERC Account 547 - Other Generation	9,723,457
Total Reagents Expense	1,926,197
Total Gain/Loss from Sale of By-Products	411,845
Total Emission Allowance Expense	(1,304)
Total Gain/Loss from Sale of Emission Allowances	(968,432)
Total Purchased and Interchanged Power Expenses	27,735,217
Total Fuel, Fuel Related and Purchased Power Expenses	$ 126,021,761

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

FEBRUARY 2012

Purchased Power	Total	Capacity		Non-capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
Alcoa Power Generating Inc.	$ 725,077	-	-	27,130	$ 442,297	$ 282,780
Associated Electric Cooperative Inc.	318,240	-	-	11,448	194,126	124,114
Blue Ridge Electric Membership Corp	1,751,178	65	$ 840,734	37,394	555,371	355,073
Calpine Power Services Marketing	19,528	-	-	876	11,912	7,616
Cargill Power Marketers LLC	15,600	-	-	600	9,516	6,084
City of Concord	208	-	-	4	127	81
City of Kings Mtn	8,979	3	6,979	-	-	-
Constellation	3,090,720	-	-	119,075	1,885,339	1,205,381
EDF Trading North America, LLC	216,003	-	-	8,274	131,762	84,241
Haywood Electric	452,328	20	206,869	8,446	149,730	95,729
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	73	-	-	-	45	28
Morgan Stanley Capital Group	86,508	-	-	3,490	52,770	33,738
NCEMC	177,425	-	-	6,925	127,602	49,823
NCMPA	2,855,313	-	-	100,450	1,802,655	1,052,658
Oglethorpe Power	17,625	-	-	975	10,751	6,874
Piedmont Electric Membership Corp.	925,821	32	428,542	19,815	303,340	193,939
PJM Interconnection LLC	7,139,851	-	-	233,490	4,355,309	2,784,542
Rutherford Electric Membership Corp.	(304,464)	-	-	(12,446)	(264,756)	(39,708)
Southern	386,914	-	-	14,359	236,018	150,896
The Energy Authority	113,280	-	-	3,653	69,101	44,179
Town of Dallas	584	-	584	-	-	-
Town of Forest City	19,856	7	19,856	-	-	-
TVA	166,689	-	-	6,318	101,680	65,009
Generation Imbalance	157,626	-	-	4,780	94,706	62,920
Energy Imbalance - Purchases	140,105	-	-	2,529	85,465	54,640
Energy Imbalance - Sales	(45,315)	-	-	-	(41,136)	(4,179)
	$ 18,466,024	**134**	**$ 1,624,836**	**597,587**	**$ 10,313,730**	**$ 6,616,468**

Purchased Power	Total	Capacity		Non-capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
Cargill Power Marketing	$ 2,263,482	-	-	38,692	$ 1,609,587	$ 653,895
Cherokee County Cogeneration Partners	4,504,333	-	$ 1,310,243	60,042	1,287,933	1,906,157
City of Charlotte	1,832	-	-	26	1,095	737
Davidson Gas Producers, LLC	81,683	-	-	1,174	48,822	32,861
Dixon Dairy Road, LLC	29,862	-	-	41	1,697	28,165
Durham Landfill Electricity, LLC	108,054	-	-	1,863	77,501	30,553
Gas Recovery Systems, LLC	187,042	-	-	2,748	114,317	72,725
Gaston County	151,654	-	-	1,983	82,468	69,186
Greenville Gas Producer, LLC	89,445	-	-	1,560	64,884	24,561
Lockhart Power Company	25,610	-	-	334	13,890	11,720
Nypro, Inc.	953	-	-	18	759	194
Ronnie B. Powers	5,527	-	-	82	3,391	2,136
Sun Edison, LLC	116,193	-	-	1,714	71,292	44,901
WM Renewable Energy, LLC	113,944	-	-	1,700	70,724	43,220
Other Cogens, Purpa and Small Power Producers	941,943			16,254		941,943
	$ 8,621,567	**-**	**$ 1,310,243**	**128,230**	**$ 3,448,360**	**$ 3,862,964**
TOTAL PURCHASED POWER	**$ 27,076,681**	**134**	**$ 2,835,079**	**726,817**	**$ 13,762,090**	**$ 10,479,412**
INTERCHANGES IN						
Other Catawba Joint Owners	6,833,613	-	-	663,008	3,614,622	3,218,991
Total Interchanges In	6,833,613	-	-	663,008	3,614,622	3,218,991
INTERCHANGES OUT						
Other Catawba Joint Owners	(6,174,977)	(866)	(125,551)	(620,303)	(3,140,856)	(2,906,570)
Catawba- Net Negative Generation	-	-	-	-	-	-
Total Interchanges Out	(6,174,977)	(866)	(125,551)	(620,303)	(3,140,856)	(2,908,570)
Net Purchases and Interchange Power	**$ 27,735,217**	**(732)**	**$ 2,709,628**	**768,622**	**$ 14,236,856**	**$ 10,789,833**

NOTE: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA

February 2012

	Total	Capacity		Non-capacity		
SALES	$	MW	$	MWH	Fuel $	Non-fuel $
Utilities:						
Progress Energy Carolinas - Emergency	$ 6,311	-	-	180	$ 4,787	$ 1,524
SC Public Service Authority - Emergency	22,954	-	-	551	17,785	5,169
SC Electric & Gas - Emergency	7,673	-	-	102	4,347	3,326
Market Based:	-	-	-	-	-	-
EDF Trading North America, LLC	15,225	-	-	203	14,988	237
MISO	(3,019)	-	-	-	-	(3,019)
NCMPA #1	203,878	50	$ 87,500	68	2,341	114,037
PJM Interconnection LLC	257,030	-	-	7,045	290,144	(33,114)
SC Electric & Gas Market based	476,510	-	-	4,839	207,870	268,640
The Energy Authority	80,235	-	-	1,558	69,866	10,369
Other:	-	-	-	-		-
Generation Imbalance	(67,212)	-	-	(727)	(23,550)	(43,662)
Total Intersystem Sales	**$ 999,686**	**50**	**$ 87,500**	**13,819**	**$ 588,578**	**$ 323,507**

* Sales for resale other than native load priority.

NOTE: Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
February 2012
SC Code Ann. §58-27-865

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	532,140,814	432,439,156	705,111,323	1,669,691,293
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	2.5273	2.5273	2.5273	2.5273
3	Billed base fuel expense	L1 * L2 /100	$13,448,795	$10,929,035	$17,820,278	$42,198,108
4	Incurred base fuel rate (¢/kWh)	Input	1.6918	1.6918	1.6918	1.6918
5	Incurred base fuel expense	L1 * L4 / 100	$9,003,023	$7,316,221	$11,929,424	$28,248,668
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	0.8355	0.8355	0.8355	0.8355
7	Base fuel over/(under) recovery	L1 * L6 / 100	**$4,445,772**	**$3,612,814**	**$5,890,854**	**$13,949,440**
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0629	0.0466	0.0236	0.0421
9	Billed environmental expense	L8 * L1 / 100	$334,717	$201,517	$166,406	**$702,640**
10	Incurred rate by class (¢/kWh)	Input	0.0185	0.0164	0.0103	0.0145
11	Incurred environmental expense	L10 * L1 / 100	$98,631	$70,976	$72,321	**$241,928**
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0444	0.0302	0.0133	0.0276
13	Environmental over/(under) recovery	L9 - L11	**$236,086**	**$130,541**	**$94,085**	**$460,712**
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	31.87%	25.90%	42.23%	100.00%
15	Economic purchase accrual	L15T * L14	**($492,031)**	**($399,845)**	**($651,964)**	**($1,543,840)**
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**$4,189,827**	**$3,343,510**	**$5,332,975**	**$12,866,312**

Year 2011-2012

17	Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
_/1	Balance ending May 2011	$3,066,701				
	June	(6,948,905)	($3,196,218)	($2,811,646)	($4,007,742)	($10,015,606)
	July	(18,436,446)	(3,984,549)	(3,184,348)	(4,318,644)	(11,487,541)
	August	(25,069,892)	(2,301,445)	(1,806,140)	(2,525,861)	(6,633,446)
	September	(22,317,560)	877,142	780,371	1,094,819	2,752,332
	October	(13,922,121)	2,081,389	2,471,586	3,842,464	8,395,439
	November	(7,139,849)	1,829,388	1,915,438	3,037,446	6,782,272
	December	2,510,877	3,110,998	2,600,220	3,939,508	9,650,726
	January	13,586,331	4,058,559	2,929,463	4,087,432	11,075,454
	February	$26,452,643	$4,189,827	$3,343,510	$5,332,975	$12,866,312
	March					
	April					
	May					

_/1 May 2011 ending balance reflects adjustments pursuant to Docket No. 2011-3-E - Order No. 2011-715.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
February 2012

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buck Gas/CC	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME February 2012
Cost of Fuel Received																		
Coal (A)	$10,553,331	$53,259,799	$0				$8,985,165	$0	$1,550		$34,674,696				($759)		$107,473,781	$1,468,413,175
Biomass	-	-	-				-	-	-		-				-		-	961,996
Fuel Oil (C)	392,466	148,561	-		-		98,151	-	-	543,586	382,241		2,688,790		-	-	4,253,795	24,880,594
Gas - CT			372		-			-	75,379	63,475			166,216		600	467,333	773,375	41,145,273
Gas - CC				8,235,871													8,235,871	24,591,068
Total	$10,945,797	$53,408,360	$372	$8,235,871	$0		$9,083,316	$0	$76,929	$607,061	$35,056,937		$2,855,006		($159)	$467,333	$120,736,822	$1,559,992,105
Received (¢/MBTU) Avg																		
Coal (A)	409.04	400.32					433.76				394.43						401.82	390.72
Biomass	-	-	-		-		-	-	-	-	-		-		-	-	-	489.53
Fuel Oil	2,375.56	2,391.52	-		-		2,357.14	-	-	-	2,400.71		1,933.89		-	-	2,339.13	2,302.94
Gas - CT			-		-			-	379.53	416.78			284.94		-	382.10	358.49	449.63
Gas - CC				336.36													336.36	403.93
Weighted Average	421.55	401.25	-	336.36	-		437.62	-	387.34	INF	398.05		1,446.53		-	382.10	407.99	397.62
Cost of Fuel Burned($) (D)																		
Coal (E)	$2,890,570	$38,704,135	$773,470				$4,200,188	$0	$1,534,732		$16,481,323				$0		$64,584,418	$1,247,150,087
Biomass (F)	-	-	-				-	-	-		-				-		-	935,894
Fuel Oil (G)	295,147	90,579	60,770		-		109,415	-	119,181	1,383	202,332		681,417		-	-	1,584,608	16,855,253
Gas - CT			372		-			-	75,379	63,475			166,216		600	467,333	773,375	41,145,272
Gas - CC				8,235,871													8,235,871	24,591,068
Nuclear						8,562,048						8,994,131		10,801,263			28,357,441	316,498,131
Total	$3,185,717	$38,794,714	$834,612	$8,235,871	$0	$8,562,048	$4,309,604	$0	$1,729,292	$64,858	$16,683,654	$8,994,131	$847,633	$10,801,263	$600	$467,333	$103,535,713	$1,647,175,705
Burned (¢/MBTU) Avg																		
Coal	411.49	391.38	411.91				411.09	-	410.95		387.29				-		393.09	384.32
Biomass	-	-	-				-	-	-		-				-		-	466.75
Fuel Oil	2,317.78	2,265.04	1,979.48		-		2,182.20	-	1,988.33	1,097.48	2,278.51		1,719.84		-	-	1,994.77	2,081.34
Gas - CT			-		-			-	379.53	416.78			284.94		-	382.10	358.49	449.63
Gas - CC				336.36													336.36	403.93
Nuclear						52.96						55.55		59.16			56.03	54.16
Weighted Average	445.43	392.14	437.32	336.36	-	52.96	419.74	-	433.07	422.36	391.23	55.55	865.33	59.16	-	382.10	148.36	178.10
Generated (¢/kWh) Avg																		
Coal	4.30	3.56	4.17				3.84	(B)	4.25		3.68				(B)		3.66	3.68
Biomass	-	-	-				-	-	-		-				-		-	6.26
Fuel Oil	-	-	(B)		(B)		-	(B)	INF	46.09	-		22.31		(B)	-	56.05	254.71
Gas - CT			-		-			-	5.21	16.11			3.70		-	3.06	3.58	5.31
Gas - CC				2.30													2.30	2.98
Nuclear						0.53						0.56		0.59			0.56	0.55
Weighted Average	4.74	3.57	4.51	2.30	(B)	0.53	3.94	(B)	4.60	16.34	3.73	0.56	11.23	0.59	(B)	3.06	1.42	1.75
Burned MBTU's																		
Coal	702,467	9,889,078	187,778				1,021,727	-	373,456		4,255,585				-		16,430,091	324,511,495
Biomass	-	-	-				-	-	-		-				-		-	200,512
Fuel Oil	12,734	3,999	3,070		-		5,014	-	5,994	126	8,880		39,621		-	-	79,438	809,827
Gas - CT			-		-			-	19,861	15,230			58,334		-	122,308	215,733	9,150,901
Gas - CC				2,448,562													2,448,561	6,087,986
Nuclear						16,167,156						16,189,930		18,257,995			50,615,081	584,112,835
Total	715,201	9,893,077	190,848	2,448,562	-	16,167,156	1,026,741	-	399,311	15,356	4,264,465	16,189,930	97,955	18,257,995	-	122,308	69,788,905	924,873,556
Net Generation (mWh)																		
Coal	67,197	1,087,667	18,538				109,314	(625)	36,124		447,830				(1,441)		1,764,604	33,855,730
Biomass	-	-	-				-	-	-		-				-		-	14,951
Fuel Oil	-	-	(19)		(108)		-	(37)	26	3	-		3,054		(92)	-	2,827	6,617
Gas - CT			-		-			-	1,447	394			4,496		-	15,276	21,613	775,376
Gas - CC				357,598													357,598	824,865
Nuclear 100%						1,626,096						1,618,311		1,817,640			5,062,047	57,787,901
Hydro (Total System)																	107,317	929,420
Solar (Total System)																	580	5,404
Total	67,197	1,087,667	18,519	357,598	(108)	1,626,096	109,314	(662)	37,597	397	447,830	1,618,311	7,550	1,817,640	(1,533)	15,276	7,316,586	94,200,264
Cost of Reagents Consumed ($)																		
Ammonia	-	753,994	-	7,752			-				-				-		761,746	5,941,337
Limestone (E)	30,227	422,991	-	-			76,484				284,914				-		814,616	13,925,893
Urea	23,155	-	-	-			-				326,681				-		349,836	3,699,958
Organic Acid	-	-	-	-			-				-				-		-	-
Emission premiums	-	-	-	-			-				-				-		-	19,770
Total	53,382	1,176,985	-	7,752			76,484				611,595				-		1,926,197	23,586,957

(A) Coal receipts exclude 0,000 tons and $0,000 associated with terminals for the current month.
(B) Cents/kWh not computed when costs and/or net generation is negative
(C) Cost of fuel oil received includes a transfer of inventory from Mill Creek to Lincoln valued at $526,146 in the current month and $2,939,703 for the twelve months ended Cost of the transfer between stations nets to zero with the exception of the cost of freight.
(D) Cost of fuel burned excludes -$1,304 associated with emission allowance expense for the month and $182,817 for the twelve months ended.
(E) Twelve months ended includes annual aerial survey adjustment recorded in Dec 2011
(F) Cost of biomass burned is reported at book cost prior to the reclassification of fuel expense applicable to NC renewable energy which is $0,000 for the month and -$66,902 for the twelve months ended.
(G) Cost of fuel oil burned includes $24,385 in diesel fuel costs for on-site standby generators for the month and $29,773 for the twelve months ended

Notes:
Detail amounts may not add to totals shown due to rounding.
Fuel costs based on recoverability unless otherwise noted Data reflected at 100% ownership.

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
February 2012

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buck Gas/CC	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME February 2012
Coal Data:															
Beginning balance	437,971	1,410,064	155,314			522,299	67,690	191,566		1,420,295		224,564		4,429,763	2,727,354
Tons received during period	106,605	547,235	-			84,377	-	-		355,977		-		1,094,193	15,411,995
Moisture adjustments	(449)	2,464	(0)			(7)	-	0		(3,263)		13		(1,242)	(44,639)
Tons burned during period (A)	29,231	407,346	7,647			40,003	-	15,353		171,505		-		671,084	13,243,080
Ending balance (B)	514,896	1,552,417	147,667			566,667	67,690	176,213		1,601,504		224,578		4,851,631	4,851,631
MBTUs per ton burned	24.03	24.28	24.56			25.54	-	24 32		24.81		-		24 48	24.50
Cost of ending inventory ($/ton) (B)	98.97	94.86	101.15			104 10	102.05	99.96		96.29		101.47		97.63	97.63
Biomass/Test Fuel Data:															
Beginning balance			827					1,395						2,222	1,618
Tons received during period			-					-						-	22,605
Inventory adjustments			-					-						-	187
Tons burned during period			-					-						-	22,188
Ending balance			827					1,395						2,222	2,222
Cost of ending inventory ($/ton)			41.07					45.20						43.66	43.66
Fuel Oil Data:															
Beginning balance	66,154	238,295	307,192		-	36,555	99,133	590,799	8,476,480	256,373	2,565,667	232,919	2,968,560	15,838,127	15,167,709
Gallons received during period	119,880	45,020	-		-	30,092	-	-	-	115,363	1,003,500	-	-	1,313,855	7,871,423
Miscellaneous usage, transfers and adjustments (C)	(6,563)	(11,584)	(291)		-	(3,151)	(2,731)	(385)	421,242	(22,547)	(421,242)	(127)	-	(49,921)	(642,345)
Gallons burned during period (D)	92,399	28,983	22,209		-	36,234	-	43,593	912	64,339	285,967	-	-	572,094	5,866,820
Ending balance	87,072	242,748	284,692		-	27,262	96,402	546,821	8,896,810	284,850	2,861,958	232,792	2,968,560	16,529,967	16,529,967
Cost of ending inventory ($/gal)	3 19	3 13	2.74		-	3.02	3.06	2 71	1.52	3.14	2.38	3.05	2 47	1.99	1 99
Gas Data: (E)															
Beginning balance															
MCF received during period (F)			-	2,423,119	-		-	19,625	15,049		57,642	-	168,820	2,684,255	15,050,752
MCF burned during period (F)			-	2,423,119	-		-	19,625	15,049		57,642	-	168,820	2,684,255	15,050,752
Ending balance															
Cost of ending inventory ($/mcf)															
Limestone Data:															
Beginning balance	29,840	41,591				26,506				83,110				181,047	92,825
Tons received during period	-	-				-				-				-	508,019
Tons consumed during period (A)	840	13,206				2,427				8,596				25,069	444,866
Ending balance	29,000	28,385				24,079				74,514				155,978	155,978
Cost of ending inventory ($/ton)	35.98	32 03				31.51				33 14				33.22	33.22

(A) Twelve months ended includes annual aerial survey adjustment recorded in Dec 2011
(B) Coal Inventory Ending Balance excludes 0,000 tons and $0,000 associated with terminals for the current month
(C) Fuel oil activity includes a transfer from Mill Creek to Lincoln of 421,242 gallons in the current month and 2,358,164 for the twelve months ended. The gallons transferred between the stations net to a zero impact on total gallons transferred
(D) Total gallons of fuel oil burned includes -2542 gallons of diesel fuel oil for on-site standby generators for the month and -0,463 for the twelve months ended. Monthly consumption is reported on a month lag due to timing of data availability Offsetting activity for the on-site standby generator consumption is reported as miscellaneous usage, transfers and adjustments.
(E) Gas is burned as received, therefore, inventory balances are not maintained.
(F) Twelve months ended Gas MCF received and burned includes 6,022,067 attributable to combined cycle plant activity.

Notes:
Detail amounts may not add to totals shown due to rounding

Exhibit A
Schedule 6

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
February 2012

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	(794)	$ (75,125.34)	$ 94.63
	CONTRACT	107,399	10,622,469.36	98.91
	ADJUSTMENTS	-	5,986.80	-
	TOTAL	106,605	10,553,330.82	98.99
BELEWS CREEK	SPOT	9,596	706,840.42	73.66
	CONTRACT	537,639	49,013,469.48	91.16
	ADJUSTMENTS	-	3,539,488.60	-
	TOTAL	547,235	53,259,798.50	97.33
BUCK	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	-	-
	TOTAL	-	-	-
CLIFFSIDE	SPOT	242	9,616.01	39.70
	CONTRACT	84,135	8,624,421.55	102.51
	ADJUSTMENTS	-	351,127.31	-
	TOTAL	84,377	8,985,164.87	106.49
DAN RIVER	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	-	-
	TOTAL	-	-	-
LEE	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	1,549.90	-
	TOTAL	-	1,549.90	-
MARSHALL	SPOT	-	-	-
	CONTRACT	355,977	33,080,780.34	92.93
	ADJUSTMENTS	-	1,593,915.72	-
	TOTAL	355,977	34,674,696.06	97.41
RIVERBEND	SPOT	-	(4,898.11)	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	4,138.67	-
	TOTAL	-	(759.44)	-
ALL PLANTS	SPOT	9,044	636,432.98	70.37
	CONTRACT	1,085,149	101,341,140.73	93.39
	ADJUSTMENTS	-	5,496,207.00	-
	TOTAL	1,094,193	$ 107,473,780.71	$ 98.22

Duke Energy Carolinas
Analysis of Quality of Coal Received
February 2012

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	7.63	11.36	12,101	0.79
Belews Creek	7.57	10.82	12,156	1.04
Cliffside	6.61	10.55	12,275	1.20
Marshall	7.31	10.19	12,348	1.45

Exhibit A
Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
February 2012

Station	Allen	Belews Creek	Cliffside	Marshall	Mill Creek
Vendor	HighTowers	HighTowers	HighTowers	High Towers	High Towers
Spot / Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0	0	0	0	0
Gallons Received	119,880	45,020	30,092	115,363	1,003,500
Total Delivered Cost	$ 392,466.11	$ 148,561.08	$ 98,151.13	$ 382,240.85	$ 3,214,936.58
Delivered Cost/Gal	$ 3.27	$ 3.30	$ 3.26	$ 3.31	$ 3.20
BTU/Gallon	137,810	137,980	138,390	138,020	138,550

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

March,2011 - February,2012

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,606,570	2,538	92.43	90.60
McGuire	18,350,047	2,200	94.96	90.99
Catawba	18,831,284	2,258	94.94	92.67

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
March 2011 through February 2012
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	7,451,823	1,110	76.64	86.87
Belews Creek 2	8,009,695	1,110	82.37	91.22

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
March 2011 through February 2012
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	2,302,683	558	47.11	93.65
Marshall 1	1,379,768	380	41.45	74.04
Marshall 2	1,812,035	380	54.44	88.68
Marshall 3	3,512,178	658	60.93	90.54
Marshall 4	4,015,260	660	69.45	89.89

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
March 2011 through February 2012
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	341,159	162	24.04	98.19
Allen 2	274,248	162	19.33	97.67
Allen 3	851,523	261	37.24	83.70
Allen 4	1,081,522	276	44.73	86.78
Allen 5	795,753	266	34.15	96.36
Buck 3	-2,410	75	0.00	100.00
Buck 4	0	38	0.00	100.00
Buck 5	278,129	128	24.80	94.15
Buck 6	248,850	128	22.19	96.12
Cliffside 1	-652	38	0.00	100.00
Cliffside 2	-742	38	0.00	100.00
Cliffside 3	-100	61	0.00	100.00
Cliffside 4	-33	61	0.00	0.00
Dan River 1	40,306	67	6.87	99.08
Dan River 2	43,786	67	7.46	98.84
Dan River 3	108,309	142	8.71	84.74
Lee 1	124,866	100	14.25	96.92
Lee 2	129,176	100	14.75	97.48
Lee 3	346,821	170	23.29	95.28
Riverbend 4	109,204	94	13.26	98.71
Riverbend 5	108,543	94	13.18	98.75
Riverbend 6	254,721	133	21.86	99.13
Riverbend 7	254,260	133	21.82	99.13

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
March,2011 through February,2012
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	154	62	78.73
Buzzard Roost CT	-764	176	84.92
Dan River CT	14	48	93.79
Lee CT	55,092	82	98.54
Lincoln CT	105,183	1,264	97.62
Mill Creek CT	164,572	592	98.30
Riverbend CT	-745	64	99.55
Rockingham CT	458,487	825	80.37

Duke Energy Carolinas
Power Plant Performance
12 Months Ended February 2012

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants:			
Bridgewater	35,989	31.500	49.37
Cedar Creek	111,518	45.000	97.42
Cowans Ford	109,125	325.200	92.44
Dearborn	127,379	42.000	91.41
Fishing Creek	107,147	49.000	90.02
Gaston Shoals	15,921	2.000	40.64
Great Falls	5,549	12.000	83.45
Keowee	53,395	152.000	94.07
Lookout Shoals	71,128	27.900	86.92
Mountain Island	79,382	62.000	98.28
Ninety Nine Island	53,450	6.400	97.59
Oxford	81,604	40.000	97.97
Rhodhiss	49,657	30.000	99.83
Rocky Creek	(195)	-	8.47
Tuxedo	19,036	6.400	83.08
Wateree	147,786	85.000	91.22
Wylie	100,459	72.000	99.10
Nantahala	218,007	50.000	91.73
Queens Creek	3,401	1.440	99.19
Thorpe	80,836	19.700	97.60
Tuckasegee	7,441	2.500	99.91
Tennessee Creek	37,049	9.800	95.32
Bear Creek	28,051	9.450	99.97
Cedar Cliff	20,636	6.400	100.00
Mission	2,918	0.600	97.74
Franklin	806	0.600	77.87
Bryson	2,012	0.480	99.72
Total Conventional	1,569,485		
Pumped Storage Plants:			
Jocasee	957,128	780.000	81.06
Bad Creek	1,954,416	1,360.000	95.82
Subtotal	2,911,544		
Energy for Pumping:			
Jocasee	(1,093,320)		
Bad Creek	(2,458,289)		
Subtotal	(3,551,609)		
Generation less Energy for Pumping			
Jocassee	(136,192)		
Bad Creek	(503,873)		
Total Pumped Storage	(640,065)		

NOTE(S):
Capacity MW amounts varied across the range of time indicated.
The amounts shown represent the capacity effective as of the period end date.

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
March 2011 through February 2012
Combined Cycle Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Buck CC 10	789,124	620	14.53	72.11

Note: This report is limited to capturing only the first full month of data when Buck CC unit 10 was in commercial operation.

Prior months' net generation (mWh) within the twelve month period was as follows:

September 2011: 369 mWh; pre-commercial
October 2011: 1,833 mWh; pre-commercial
November 2011: 12,620 mWh; pre-commercial
November 2011: 20,919 mWh; commercial

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: February, 2012

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	None					
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	None					

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2012

Belews Creek Steam Station

No Outages During The Month.

Duke Energy Carolinas
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

February 2012
Oconee Nuclear Station

	Unit 1		Unit 2		Unit 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	696		696		696	
(C1) Net Gen (MWH) and Capacity Factor	599842	101.87	607294	103.14	610504	103.68
(D1) Net MWH Not Gen Due To Full Schedule Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	1155	0.20	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-12181	-2.07	-18478	-3.14	-21688	-3.68
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	588816	100.00%	588816	100.00%	588816	100.00%
(I) Equivalent Availability		99.80		100.00		100.00
(J) Output Factor		101.87		103.14		103.68
(K) Heat Rate		10,132		10,025		9,979

* Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

February 2012
McGuire Nuclear Station

	Unit 1		Unit 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	696		696	
(C1) Net Gen (MWH) and Capacity Factor	810061	105.81	808250	105.57
(D1) Net MWH Not Gen Due To Full Schedule Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-44461	-5.81	-42650	-5.57
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00
(H) Net MWH Possible In Period	765600	100.00%	765600	100.00%
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		105.81		105.57
(K) Heat Rate		9,993		10,016

* Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

February 2012
Catawba Nuclear Station

	Unit 1		Unit 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	696		696	
(C1) Net Gen (MWH) and Capacity Factor	811398	103.26	814698	103.68
(D1) Net MWH Not Gen Due To Full Schedule Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-25614	-3.26	-28914	-3.68
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00
(H) Net MWH Possible In Period	785784	100.00%	785784	100.00%
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		103.26		103.68
(K) Heat Rate		9,965		9,920

* Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2012

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	696	696
(C1) Net Generation (mWh)	404,681	682,986
(C1) Capacity Factor	52.38	88.41
(D1) Net mWh Not Generated due to Full Scheduled Outages	315,499	0
(D1) Scheduled Outages: percent of Period Hrs	40.84	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	666
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.09
(E1) Net mWh Not Generated due to Full Forced Outages	0	0
(E1) Forced Outages: percent of Period Hrs	0.00	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	2,655	3,600
(E2) Forced Derates: percent of Period Hrs	0.34	0.47
(F) Net mWh Not Generated due to Economic Dispatch	49,725	85,308
(F) Economic Dispatch: percent of Period Hrs	6.44	11.04
(G) Net mWh Possible in Period	772,560	772,560
(H) Equivalent Availability	58.82	99.45
(I) Output Factor (%)	91.69	88.41
(J) Heat Rate (BTU/NkWh)	9,037	9,130

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2012
arshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	696	696	696	696
(C1) Net Generation (mWh)	25,011	97,125	-1,262	326,956
(D) Net mWh Possible in Period	264,480	264,480	457,968	459,360
(E) Equivalent Availability	98.48	100.00	85.99	100.00
(F) Output Factor (%)	59.75	71.66	0.00	74.88
(G) Capacity Factor	9.46	36.72	0.00	71.18

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2012
Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	556
(B)	Period Hrs	696
(C1)	Net Generation (mWh)	109,314
(D)	Net mWh Possible in Period	386,976
(E)	Equivalent Availability	100.00
(F)	Output Factor (%)	73.02
(G)	Capacity Factor	28.25

Duke Energy Carolinas
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

March 2011 - February 2012
Oconee Nuclear Station

	Unit 1		Unit 2		Unit 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8784		8784		8784	
(C1) Net Gen (MWH) and Capacity Factor	6065657	81.62	6885156	92.65	7655757	103.02
(D1) Net MWH Not Gen Due To Full Schedule Outages	1395528	18.78	559841	7.53	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	37022	0.50	33815	0.46	438	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-66943	-0.90	-47548	-0.64	-224931	-3.03
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7431264	100.00%	7431264	100.00%	7431264	100.00%
(I) Equivalent Availability		80.64		91.16		99.99
(J) Output Factor		100.50		100.20		103.02
(K) Heat Rate		10,234		10,192		10,051

* Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

March 2011 - February 2012
McGuire Nuclear Station

	Unit 1		Unit 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8784		8784	
(C1) Net Gen (MWH) and Capacity Factor	9258942	95.82	9091105	94.09
(D1) Net MWH Not Gen Due To Full Schedule Outages	726352	7.52	694100	7.18
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	25285	0.26	25800	0.27
(E1) Net MWH Not Gen Due To Full Forced Outages	15400	0.16	239162	2.48
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-384531	-3.98	-387767	-4.02
* (F) Net MWH Not Gen Due To Economic Dispatch	20952	0.22	0	0.00
* (G) Core Conservation	0	0.00	0	0.00
(H) Net MWH Possible In Period	9662400	100.00%	9662400	100.00%
(I) Equivalent Availability		91.87		90.10
(J) Output Factor		103.79		104.15
(K) Heat Rate		10,108		10,124

* Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

March 2011 - February 2012
Catawba Nuclear Station

	Unit 1		Unit 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8784		8784	
(C1) Net Gen (MWH) and Capacity Factor	8781309	88.55	10049975	101.34
(D1) Net MWH Not Gen Due To Full Schedule Outages	1235838	12.46	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	24938	0.25	1484	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	27909	0.28	49416	0.50
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-152858	-1.54	-183739	-1.85
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00
(H) Net MWH Possible In Period	9917136	100.00%	9917136	100.00%
(I) Equivalent Availability		86.42		98.91
(J) Output Factor		101.48		101.85
(K) Heat Rate		10,060		10,044

* Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

March 2011 through February 2012

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,784	8,784
(C1) Net Generation (mWh)	7,451,823	8,009,695
(C1) Capacity Factor	76.43	82.15
(D1) Net mWh Not Generated due to Full Scheduled Outages	1,108,279	213,767
(D1) Scheduled Outages: percent of Period Hrs	11.37	2.19
(D2) Net mWh Not Generated due to Partial Scheduled Outages	10,192	59,369
(D2) Scheduled Derates: percent of Period Hrs	0.10	0.61
(E1) Net mWh Not Generated due to Full Forced Outages	145,095	549,968
(E1) Forced Outages: percent of Period Hrs	1.49	5.64
(E2) Net mWh Not Generated due to Partial Forced Outages	16,929	32,604
(E2) Forced Derates: percent of Period Hrs	0.17	0.33
(F) Net mWh Not Generated due to Economic Dispatch	1,017,921	884,837
(F) Economic Dispatch: percent of Period Hrs	10.44	9.08
(G) Net mWh Possible in Period	9,750,240	9,750,240
(H) Equivalent Availability	86.87	91.22
(I) Output Factor (%)	91.00	91.11
(J) Heat Rate (BTU/NkWh)	9,162	9,234

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

March 2011 through February 2012

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	8,784	8,784	8,784	8,784
(C1) Net Generation (mWh)	1,379,768	1,812,035	3,512,178	4,015,260
(D) Net mWh Possible in Period	3,337,920	3,337,920	5,779,872	5,797,440
(E) Equivalent Availability	74.04	88.68	90.54	89.89
(F) Output Factor (%)	73.34	75.07	80.92	79.67
(G) Capacity Factor	41.45	54.44	60.93	69.45

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

March 2011 through February 2012

Cliffside Steam Station

	Cliffside 5
(A) MDC (mWh)	558
(B) Period Hrs	8,784
(C1) Net Generation (mWh)	2,302,683
(D) Net mWh Possible in Period	4,901,466
(E) Equivalent Availability	93.65
(F) Output Factor (%)	79.76
(G) Capacity Factor	47.11

DUKE ENERGY CAROLINAS
Outages for 100MW or Larger Units
February 2012

Full Outage Hours

	Unit	MW	Scheduled	Unscheduled	Total
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

February 2012

Unit Name	Capacity Rating (mW)	Full Outage Hours		Total Outage Hours
		Scheduled	Unscheduled	
Allen 1	162	0.00	0.00	0.00
Allen 2	162	0.00	0.00	0.00
Allen 3	261	0.00	0.00	0.00
Allen 4	276	10.50	15.83	26.33
Allen 5	266	15.00	0.00	15.00
Belews Creek 1	1,110	284.23	0.00	284.23
Belews Creek 2	1,110	0.00	0.00	0.00
Buck 5	128	2.50	0.00	2.50
Buck 6	128	4.00	0.00	4.00
Buck CC 10	620	1.77	4.98	6.75
Cliffside 5	556	0.00	0.00	0.00
Dan River 3	142	0.00	0.00	0.00
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	0.00	0.37	0.37
Marshall 1	380	10.58	0.00	10.58
Marshall 2	380	0.00	0.00	0.00
Marshall 3	658	97.50	0.00	97.50
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	0.00	0.00	0.00
Riverbend 7	133	31.00	0.00	31.00
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	7.12	0.00	7.12
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	0.00	0.00	0.00
Rockingham CT5	165	0.00	696.00	696.00